

IN THE CLAIMS:

Please amend claims 12-16 as follows. All claims now pending are provided below according to current U.S. Patent and Trademark Office practice.

1. (Previously Presented) An image forming apparatus comprising:
an image bearing member;
transferring means for transferring an image formed on said image bearing member to a recording material;
fixing means for fixing by heat the image transferred on the recording material to the recording material, said fixing means including a pressing roller to carry the recording material; and
speed setting means for setting a moving speed of said image bearing member based on a kind of the recording material and information indicative of a circumferential length of said pressing roller,
wherein said speed setting means sets to a slow speed when a basic weight of the recording material is low and the information indicative of the circumferential length is within a predetermined level.

2-3. (Cancelled)

4. (Previously Presented) An image forming apparatus according to claim 1,

wherein said speed setting means sets to a slow speed when the information indicative of the circumferential length is large.

5. (Previously Presented) An image forming apparatus according to claim 1,

wherein said apparatus further includes writing means for writing an image on said image bearing member, and

wherein said image bearing member is changed to a speed set by said speed setting means when said writing means does not write the image on said image bearing member.

6. (Previously Presented) An image forming apparatus according to claim 1,

wherein said apparatus further includes a driving motor for driving said image bearing member, and

wherein said driving motor also drives said pressing roller.

7. (Previously Presented) An image forming apparatus according to claim 6,

wherein, when the speed of said image bearing member changes, the speed of said pressing roller changes.

8. (Previously Presented) An image forming apparatus according to claim 1,

wherein the information indicative of the circumferential length is a successive print sheet number.

9. (Previously Presented) An image forming apparatus according to claim 1,

wherein said transferring means includes a transferring member bringing the recording material in contact with said image bearing member.

10. (Previously Presented) An image forming apparatus according to claim 1,

wherein a distance between a transferring position and a fixing position is shorter than a length of the recording material of a maximum size usable in said apparatus.

11. (Previously Presented) An image forming apparatus according to claim 1,

wherein said pressing roller has an elastic layer.

12. (Currently Amended) An image forming apparatus comprising:
an image bearing member;

transferring means for transferring an image formed on said image bearing member to a recording material at a transferring nip portion; and

fixing means for fixing by heat the image transferred on the recording material to the recording material at a fixing nip portion, said fixing means including a ~~pressing roller to carry the recording material;~~ an elastic roller for forming the fixing nip portion,

wherein a sheet of the recording material comes into the fixing nip portion before transferring of the image at the transferring nip portion completes, and

wherein a moving speed of said image bearing member when using a recording material of which a basic weight is a first value is slower than a moving speed of said image bearing member when using a recording material of which a basic weight is a second value greater than the first value.

13. (Currently Amended) An image forming apparatus according to claim 12,

wherein a moving speed of said image bearing member when a circumferential length of said ~~pressing~~ elastic roller is a second length is slower than a moving speed of said image bearing member when the circumferential length of said ~~pressing~~ elastic roller is a first length, which is shorter than the second length.

14. (Currently Amended) An image forming apparatus according to claim 12, further comprising a driving motor for driving said image bearing member and said ~~pressing~~ elastic roller, wherein a rotational speed of each of said image bearing member and said ~~pressing~~ elastic roller is simultaneously switched by switching a driving speed of said driving motor.

15. (Currently Amended) An image forming apparatus comprising:

an image bearing member;

writing means for writing an image on said image bearing member;

transferring means for transferring the image formed on said image bearing member to a recording material at a transferring nip portion;

fixing means for fixing by heat the image transferred on the recording material to the recording material at a fixing nip portion, said fixing means ~~having an elastic roller for conveying the recording material~~ including an elastic roller for forming the fixing nip portion;

a first driving motor for driving said writing means; ~~driving motor for driving said image bearing member and said elastic roller~~; and

a second driving motor for driving said image bearing member and said elastic roller; and

speed setting means for setting a driving ~~speed~~ speeds of said first and second driving motor motors in accordance with a kind of the recording material,

wherein a sheet of the recording material comes into the fixing nip portion before transferring of the image at the transferring nip portion completes, and

wherein a magnification of an image written on said image bearing member by said writing means varies in a moving direction of said image bearing member according to the ~~driving speed of said driving motor~~ kind of the recording material.

16. (Currently Amended) An image forming apparatus according to claim 15, wherein, in a moving direction of said image bearing member, a magnification of an image formed on said image bearing member at a time when the driving speed of said second driving motor is a first speed is smaller than a magnification of an image formed on said image bearing member at a time when the driving speed of said second driving motor is a second speed faster than the first speed.

17. (Previously Presented) An image forming apparatus according to claim 16, wherein when said elastic roller is thermally expanded, the recording material on both said transferring means and said fixing means is pulled by said elastic roller, and an image transferred from said image bearing member to the recording material is magnified in a moving direction of the recording material by a difference of speeds of said image bearing member and the recording material.